

Background Materials for EERE Clean Energy and Air Quality Initiative Webcast July 17, 2008

- Background information on the Ozone Transport Commission High Electric Demand Day Initiative. (See the meetings of Dec. 5–6, 2006, Jan. 10–11, 31, 2007; Feb. 1, 12, 2007; and Mar. 2, 2007).
<http://www.otcair.org/document.asp?fview=meeting#>
- U.S. Department of Energy, *Benefits of Demand Response in Electricity Markets and Recommendations for Achieving Them*, February 2006.
http://www.oe.energy.gov/DocumentsandMedia/congress_1252d.pdf

Examples of State Rules to Limit Emissions from On-Site Generation with High NO_x Emissions

New York

The New York State Department of Environmental Conservation is developing a new regulation (Part 222) to establish emission standards for distributed generation sources, including demand response sources that operate on high electric demand days. A proposed rule is expected to be released later this year. When available, the proposed rule will be posted on the following web site:

<http://www.dec.ny.gov>

New Jersey

On September 8, 2005, the New Jersey Department of Environmental Protection adopted new rules to regulate emissions from distributed generation, consistent with the Ozone Transport Commission March 2001 recommendation titled, "Resolution of the States of the Ozone Transport Commission Concerning the Creation of Incentives for Additional Clean Distributed Generation of Electric Power." Distributed generation is the use of small-scale electric generating technologies installed at, or in close proximity to, the end user's location. Distributed generation can be low-emitting sources, such as a fuel cell or microturbine, or a high-emitting source, such as a stationary diesel engine without pollution controls that produces relatively large amounts of nitrogen oxides (NO_x), carbon monoxide (CO), and particulate emissions. The new rules and amendments were intended to achieve better control of diesel electric generators and to encourage the use of cleaner technologies, such as fuel cells and microturbines.

You can find a copy of the final N.J. rule:

http://www.nj.gov/dep/rules/adoptions/2005_1017njac7_27-19.doc

You can find a copy of the related N.J. proposal and the General Permit for emergency generators at:

<http://www.nj.gov/dep/aqm/nox092004prop.doc>